

#### Abstract

The present invention discloses a catalyst useful in selective oxidation of carbon monoxide (CO) contained in a hydrogen-rich reformat gas. The catalyst is a zeolite carrying Pt, Ru or alloys thereof. Pt or Ru is deposited on  
5 the zeolite by incipient wetness impregnation with an aqueous solution. The reformat gas having a reduced CO concentration can be introduced to a fuel cell as a fuel.

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